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FIG. 5

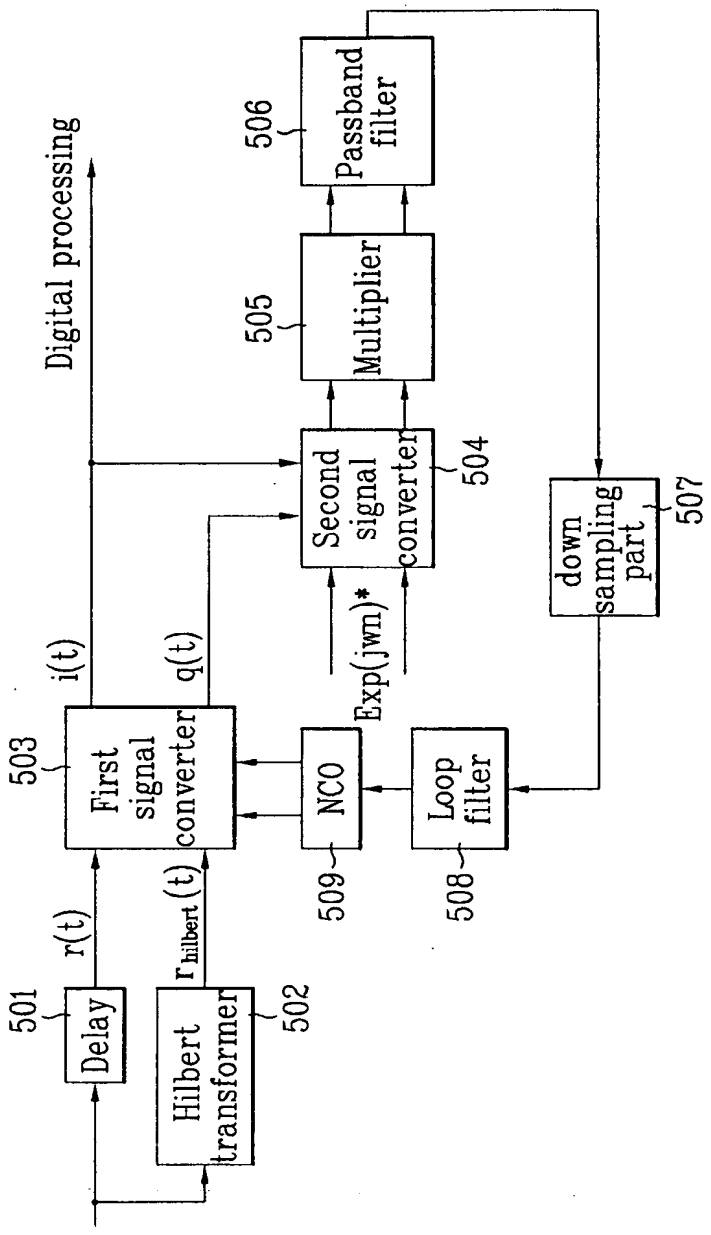
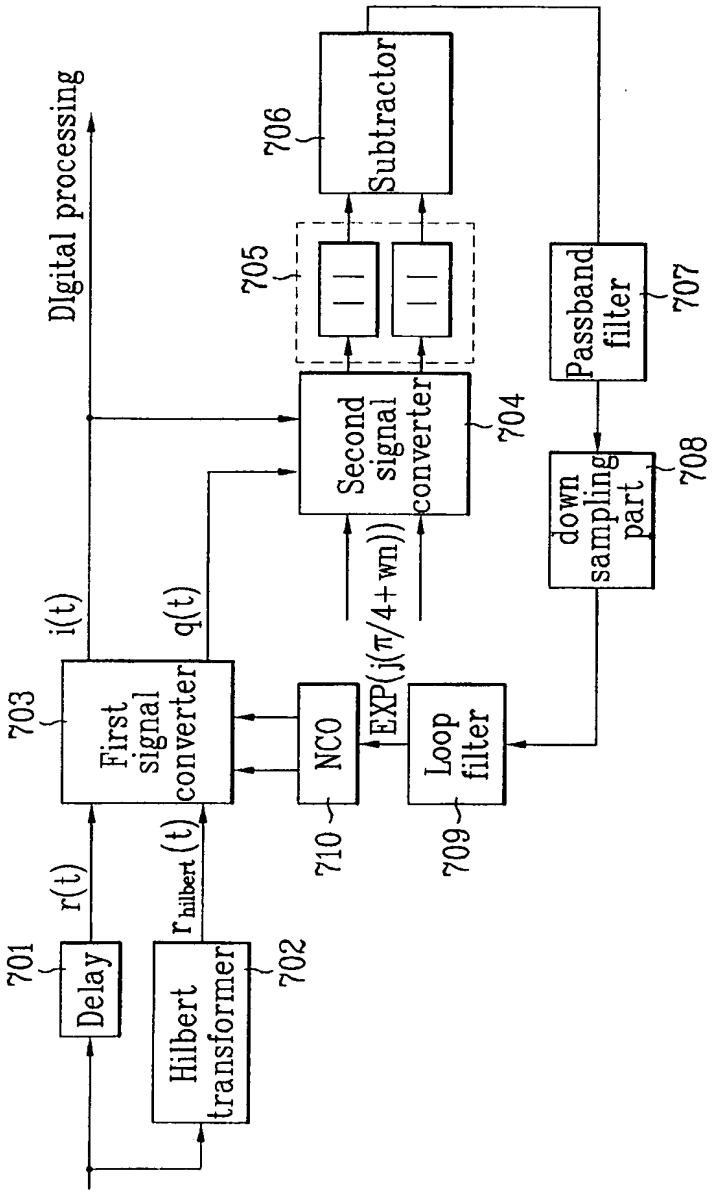


FIG. 7


DIgital processing
706
Subtractor
705
Passband filter
707
Second signal converter
704
down sampling part
708
i(t)
q(t)
EXP(j(π/4+wn))
703
First signal converter
NCO
Loop filter
710
709
r(t)
r hilbert (t)
701
Delay
Hilbert transformer
702